

APPENDIX B

Listing of Treatment, Storage, and Disposal Groups/Units. (sheet 1 of 17)

<u>Treatment, Storage, and Disposal</u>		Operable Unit (if applicable)	Closure*	<u>Planned Action</u>	
Group Number	Group/Units			Operating Permit	
D-1-1	100-D Ponds (120-D-1)	100-DR-1	X		
T-1-1	105-DR (122-DR-1) Sodium Fire Facility		X		
D-1-2	1301-N/1325-N Liquid Waste Disposal Facilities	100-NR-1	X		
	116-N-1 Crib				
	116-N-3 Crib				
T-1-2	1324-N/1324-NA Liquid Waste Facilities	100-NR-1	X		
	120-N-1 Pond				
	120-N-2 Neutralization Unit				
T-1-3**	1706-KE Treatment Facility (116-KE6 A-D):		X		
	1706-KE Waste Accumulation Tank				
	1706-KE Ion Exchange Column				
	1706-KE Solidification Unit (Evaporator)				
	1706-KE Condensate Tank				

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T-1-4	183-H Solar Evaporation Basins (116-H-6)	100-HR-1	X	Storage
S-2-8	200 East Area Liquid Effluent Retention Facility (LERF)			
T-2-1	200-E8 Borrow Pit Demolition Site		X	
T-2-2	200-W Ashpit Demolition Site		X	Treatment
T-2-3***	204-AR Waste Unloading Station			
S-2-7	207-A South Retention Basin	200-PO-5	X	
D-2-1	2101-M Pond		X	
D-2-2	216-A-10 Crib	200-PO-2	X	
D-2-3	216-A-29 Ditch	200-BP-11	X	
D-2-4	216-A-36B Crib	200-PO-2	X	
D-2-10	216-A-37-1 Crib	200-PO-4	X	
D-2-5	216-B-3 Pond System:	200-BP-11	X	
	216-B-3 Pond			
	216-B-3A Pond			
	216-B-3B Pond			
	216-B-3C Pond			
	216-B-3-3 Ditch			Storage
S-2-3	Double-Shell Tanks			
	241-AN Farm (7 tanks)			
	241-AP Farm (8 tanks)			
	241-AW Farm (6 tanks)			
	241-AY Farm (2 tanks/2 diversion boxes)			
	241-AZ Farm (2 tanks)			
	241-SY Farm (3 tanks)			
	241-EW-151 Vent Station Catch Tank			
	244-AR Vault			
	244-CR Vault			
	244-TX Receiver Tank			

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	244-BX Receiver Tank		
	244-U Receiver Tank		
	244-S Receiver Tank		
	244-A Receiver Tank		
S-2-9	241-CX-70 Tank	200-SO-1	X
D-2-6	216-B-63 Trench	200-BP-11	X
D-2-7	216-S-10 Pond and Ditch	200-RO-1	X
	216-S-10D Ditch		
	216-S-10P Pond		

D-2-8	216-U-12 Crib	200-UP-2	X	
D-2-9	Low-Level Burial Grounds			
	218-E-10			Landfill
	218-E-12B			Landfill
	218-W-3A			Landfill
	218-W-3AE			Landfill
	218-W-4B			Landfill
	218-W-4C			Landfill
	218-W-5			Landfill
	218-W-6			Landfill
S-2-1	Purex Tunnels 1 and 2			Storage
	218-E-14			
	218-E-15			
T-2-4**	221-T Containment System Test Facility		X	
TS-2-1	222-S Laboratories Treatment Tanks and Storage Building			
	222-S Storage Pad			
	*** 219-S Hot Waste Facility Tank 102			Storage
	*** 219-S Hot Waste Facility Tank 103			Treatment
				Treatment

S-2-2	224-T Transuranic Storage and Assay Facility (TRUSAF)			
S-2-4	Single-Shell Tanks		X	Storage
	241-A Farm (6 tanks/2 diversion boxes)			200-PO-3
	241-AX Farm (4 tanks/1 diversion box)			200-PO-3
	241-B Farm (16 tanks/5 diversion boxes)			200-BP-7
	241-BX Farm (12 tanks/6 diversion boxes)			200-BP-7
	241-BY Farm (12 tanks/3 diversion boxes)			200-BP-7
	241-C Farm (16 tanks/6 diversion boxes)			200-PO-3
	241-S Farm (12 tanks/2 diversion boxes)			200-RO-4
	241-SX Farm (15 tanks/2 diversion boxes)			200-RO-4
	241-T Farm (16 tanks/6 diversion boxes)			200-TP-6
	241-TX Farm (18 tanks/4 diversion boxes)			200-TP-5
	241-TY Farm (6 tanks/1 diversion boxes)			200-TP-5
	241-U Farm (16 tanks/8 diversion boxes)			200-UP-3

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<u>Operable Unit</u>	<u>Title of Units</u>	<u>Unit Type</u>
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S-2-4 Single Shell Tanks (continued)		
200-BP-7	241-B Tank Farm (16 Units)	Single-Shell Tank
	241-B-151	Diversion Box
	241-B-152	Diversion Box
	241-B-153	Diversion Box
	241-B-252	Diversion Box
	241-B-301B	Catch Tank
	241-BR-152	Diversion Box
	241-BX Tank Farm (12 Units)	Single-Shell Tank
	241-BX-153	Diversion Box
	241-BX-302A	Catch Tank
	241-BXR-151	Diversion Box
	241-BXR-152	Diversion Box
	241-BXR-153	Diversion Box
	241-BY Tank Farm (12 Units)	Single-Shell Tank
	241-BYR-152	Diversion Box
	241-BYR-153	Diversion Box
	241-BYR-154	Diversion Box
	242-B-151	Diversion Box
	244-BXR	Receiving Vault
	2607-EB	Septic Tank
	UN-200-E-43	Unplanned Release
	UN-200-E-76	Unplanned Release

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<u>Operable Unit</u>	<u>Title of Units</u>	<u>Unit Type</u>
	UN-200-E-79 UN-200-E-101	Unplanned Release
	UN-200-E-105	Unplanned Release
	UN-200-E-109	Unplanned Release
		Unplanned Release

S-2-4 Single Shell Tanks (continued)

200-PO-3	216-A-39	Crib
	216-C-8	French Drain
	241-A Tank Farm (6 Units)	Single-Shell Tank
	241-A-152	Diversion Box
	241-A-153	Diversion Box
	241-A-350	Catch Tank
	241-A-417	Catch Tank
	241-A-A	Diversion Box
	241-A-B	Diversion Box
	241-AR-151	Diversion Box
	241-AX Tank Farm (4 Units)	Single-Shell Tank
	241-AX-151	Diversion Box
	241-AX-152-CT	Catch Tank
	241-AX-152-DS	Diversion Box
	241-AX-155	Diversion Box
	241-AX-501	Valve Pit
	241-AX-A	Diversion Box
	241-AX-B	Diversion Box

S-2-4 Single Shell Tanks (continued)

200-PO-3 (Continued)	241-C Tank Farm (16 Units)	Single-Shell Tank
	241-C-151	Diversion Box
	241-C-152	Diversion Box
	241-C-153	Diversion Box
	241-C-252	Diversion Box
	241-C-301C	Catch Tank
	241-CR-151	Diversion Box
	241-CR-152	Diversion Box
	241-CR-153	Diversion Box
	241-ER-153	Diversion Box
	2607-ED	Septic Tank
	2607-EG	Septic Tank
	2607-EJ	Septic Tank
	UN-200-E-16	Unplanned Release
	UN-200-E-18	Unplanned Release
	UN-200-E-27	Unplanned Release
	UN-200-E-47	Unplanned Release
	UN-200-E-48	Unplanned Release
	UN-200-E-68	Unplanned Release
	UN-200-E-72	Unplanned Release
	UN-200-E-81	Unplanned Release
	UN-200-E-82	Unplanned Release
	UN-200-E-86	Unplanned Release
	UN-200-E-91	Unplanned Release
	UN-200-E-94	Unplanned Release
	UN-200-E-99	Unplanned Release
	UN-200-E-100	Unplanned Release
	UN-200-E-107	Unplanned Release
	UN-200-E-118	Unplanned Release

S-2-4 Single Shell Tanks (continued)

200-RO-4	241-S Tank Farm (12 Units)	Single-Shell Tank
	241-S-152	Diversion Box
	241-S-302B	Catch Tank
	241-S-A	Valve Pit
	241-S-B	Valve Pit
	241-S-C	Valve Pit
	241-S-D	Valve Pit
	241-SX Tank Farm (15 Units)	Single-Shell Tank
	241-SX-151	Diversion Box
	241-SX-152	Diversion Box
	UN-200-W-10	Unplanned Release
	UN-200-W-80	Unplanned Release
	UN-200-W-81	Unplanned Release
200-TP-5	241-TX Tank Farm (18 Units)	Single-Shell Tank
	241-TX-153	Diversion Box
	241-TX-302A	Catch Tank
	241-TX-302-XB	Catch Tank
	241-TXR	Vault
	241-TXR-152	Diversion Box
	241-TXR-153	Diversion Box
	241-TY Tank Farm (6 Units)	Single-Shell Tank
	241-TY-153	Diversion Box
	241-TY-302A	Catch Tank
	241-TY-302B	Catch Tank
	242-T-151	Diversion Box
	244-TXR	Vault
	2607-WT	Septic Tank
	2607-WTX	Septic Tank

UN-200-W-17
UN-200-W-76
UN-200-W-100

Unplanned Release
Unplanned Release
Unplanned Release

S-2-4 Single Shell Tanks (continued)

200-TP-6	241-T Tank Farm (16 Units)	Single-Shell Tank
	241-T-151	Diversion Box
	241-T-152	Diversion Box
	241-T-153	Diversion Box
	241-T-252	Diversion Box
	241-T-301	Catch Tank
	241-T-302	Catch Tank
	241-TR-152	Diversion Box
	241-TR-153	Diversion Box
	UN-200-W-62	Unplanned Release
	UN-200-W-64	Unplanned Release
	UN-200-W-97	Unplanned Release
200-UP-3	241-U Tank Farm (16 Units)	Single-Shell Tank
	241-U-151	Diversion Box
	241-U-152	Diversion Box
	241-U-153	Diversion Box
	241-U-252	Diversion Box
	241-U-301	Catch Tank
	241-U-A	Diversion Box
	241-U-B	Diversion Box
	241-U-C	Diversion Box
	241-U-D	Diversion Box
	241-UR-151	Diversion Box
	241-UR-152	Diversion Box
	241-UR-153	Diversion Box
	241-UR-154	Diversion Box
	244-UR	Receiving Vault
	2607-WUT	Septic Tank
	UN-200-W-6	Unplanned Release

UN-200-W-71

Unplanned Release

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<u>Treatment, Storage, and Disposal</u>		Operable Unit (if applicable)	Closure*	<u>Planned Action</u>	
Group Number	Group/Units			Operating Permit	
T-2-5***	241-Z Treatment Tank (D-5)			Treatment	
T-2-6	242-A Evaporator			Treatment	
S-2-5	2727-S Nonradioactive Dangerous Waste Storage Facility		X		

TS-2-2	Hexone Storage and Treatment	X
	276-S-141 Tank	
	276-S-142 Tank	
	Railcar Storage Tanks (Future)	
	Distillation System (Future)	
	Incinerator (Future)	
T-3-1	300 Area Solvent Evaporator	X
TS-3-1	300 Area Waste Acid System	X
	313 Building Waste Acid Neutralization Tank	
	313 Building Centrifuge	
	313 Filter Press	
	333 Building Chromium Treatment Tanks (2 tanks)	
	***311 Neutralized Waste Tanks (2 tanks)	
	334-A Waste Acid Storage Tank (2 tanks)	

S-3-1	303-K Contaminated Waste Storage Facility		X	
T-3-2	303-M Uranium Oxide Facility	300-FF-2	X	
TS-3-2	304 Concretion Facility and Storage Area		X	
	304 Concretion Facility			
	304 Storage Area			
S-3-2	305-B Storage Facility			Storage
D-3-1	300 Area Process Trenches (316-5)	300-FF-1	X	
T-3-3**	324 Sodium Removal Pilot Plant			Treatment
T-3-4	325 Waste Treatment Facility			Treatment

TS-3-3	3718-F Alkali Metal Treatment and Storage Facility		X	
	3718-F Burn Shed			
	3718-F Treatment Tank #1			
	3718-F Treatment Tank #2			
	3718-F Alkali Metal Treatment Facility			
	Storage			
T-4-1	400 Area Maintenance and Storage Facility (MASF)			Treatment
S-4-1	4843 FFTF Sodium Storage Facility		X	
D-6-1	600 Area Nonradioactive Dangerous Waste Landfill	200-IU-3	X	
S-6-1	616 Nonradioactive Dangerous Waste Storage Facility			Storage
TS-2-3	B Plant			
	B Plant Waste Concentrator			Treatment
	B Plant Settle and Decant Tank			Treatment
	B Plant Filter			Treatment
	B Plant Radioactive Organic Waste			Storage
	Solvent Tank #1			
	B Plant Radioactive Organic Waste			Storage
	Solvent Tank #2			
	B Plant Radioactive Organic Waste			Storage
	Solvent Tank #3			
	B Plant Radioactive Organic Waste			Storage
	Solvent Tank #4			
	B Plant Radioactive Organic Waste			Storage
	Solvent Tank #5			
	B Plant Radioactive Organic Waste			Storage

	Solvent Tank #6	
	B Plant Radioactive Organic Waste	Storage
	Solvent Tank #7	
	B Plant Storage Area	Storage
	B Plant Waste Pile	Storage
T-X-1	Biological Treatment Test Facilities	Treatment
TD-2-1	Grout	
	Grout Treatment Facility	Treatment
	Grout Treatment Facility Landfill	Treatment/Landfill
TS-2-4	Hanford Central Waste Complex	
	Waste Receiving and Processing (WRAP)	Treatment
	Facility (Future)	
	Radioactive Mixed Waste Storage Facility	Storage

TS-2-5	Hanford Waste Vitrification Plant (HWVP) (Future)		Treatment/Storage
T-X-2	Physical and Chemical Treatment Test Facilities	X	
TS-2-6	Purex		
	*** Neutralization Tank E-5		Treatment
	*** E-F11 Concentrator		Treatment
	*** Neutralization Tank G-7		Treatment
	Ammonia Distillate Treatment System (Future Tank)		Treatment
	*** Neutralization Tank F-18		Treatment
	*** Neutralization Tank F-15		Treatment
	*** Neutralization Tank F-16		Treatment
	*** Neutralization Tank U3		Treatment
	*** Neutralization Tank U4		Treatment
	Purex Waste Piles		Storage
TS-3-4	Simulated High-Level Waste Slurry Treatment and Storage	X (or)	Treatment/Storage

T-2-7***	T Plant Treatment Tank		Treatment
T-X-3	Thermal Treatment Test Facilities	X	
T-11-1	1100 Area Hanford Patrol Academy Demolition Area	X	

*Post-Closure Permit required if closed as a land disposal unit in accordance with Subsection 6.3.2.

**Part A permit application may be withdrawn because unit(s) never handled or never will handle hazardous waste.

***Part A permit application may be withdrawn due to reclassification of unit(s) as treatment by generator.